

ABSTRACT

A ball screw has a spiral casing mounted coaxially with a shaft; a set of balls interposed between the shaft and the casing; and two seals fitted between the shaft and the casing to define, together with the shaft and the casing, a chamber for containing lubricant; each seal being defined by an annular member made of a first material having a first coefficient of thermal expansion, and by at least one insert located inside the annular member and made of a second material having a second coefficient of thermal expansion lower than the first coefficient.

(Figure 1)

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